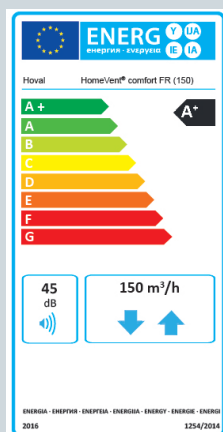


The entire world of comfort ventilation at a click.: www.hoval.com



HomeVent®		comfort FR (150)	comfort FRS (180)	comfort FR (180)	comfort FR (250)	comfort FR (300)	comfort FR (500)
Max. air flow rate	m³/h	150	180	180	250	300	500
Sound power level (L _{WA})	dB(A)	41	44	43	47	41	40
t _a ¹⁾	h/a	8760	8760	8760	8760	8760	8760
pef ²⁾	-	2.5	2.5	2.5	2.5	2.5	2.5
q _{net} ³⁾	m³/h·m²	1.3	1.3	1.3	1.3	1.3	1.3
MISC ⁴⁾	-	1.1	1.1	1.1	1.1	1.1	1.1
STRG ⁵⁾	-	0.65	0.65	0.65	0.65	0.65	0.65
x ⁶⁾	-	2	2	2	2	2	2
Kind of drive ⁷⁾	-	Speed control	Speed control	Speed control	Speed control	Speed control	Speed control
SEL ⁸⁾	kW/(m³/h)	0.00031	0.00039	0.00039	0.00045	0.00028	0.00024
t _h ⁹⁾	h	5112	5112	5112	5112	5112	5112
Δt _h ¹⁰⁾	K	9.5	9.5	9.5	9.5	9.5	9.5
η _h ¹¹⁾	-	0.75	0.75	0.75	0.75	0.75	0.75
C _{air} ¹²⁾	kWh/m³·K	0.000344	0.000344	0.000344	0.000344	0.000344	0.000344
q _{ref} ¹³⁾	m³/h·m²	2.2	2.2	2.2	2.2	2.2	2.2
η _t ¹⁴⁾	-	0.86	0.85	0.85	0.84	0.86	0.82
Q _{defr} ¹⁵⁾	kWh/m²·a	0	0	0	0	0	0
SEV		-42.00	-40.74	-40.74	-39.74	-42.40	-42
Energy efficiency		A +	A	A	A	A +	A +

1) Annual operating time
 2) Primary factor for generating and distributing electrical power
 3) Air replacement requirement per m2 of heated floorspace
 4) General typology factor for efficiency, leakage air, infiltration
 5) Ventilation control factor (control acc. to local demand)
 6) Exponent for non-linearity of the electricity saving
 7) Enthalpy recovery and fans
 8) Acc. to EN13141-7 (with reference air flow rate)
 9) Total number of hours in the heating period
 10) Average difference between outdoor and indoor temperatures during a heating period
 11) Average room heating efficiency
 12) Specific thermal capacity of air
 13) Reference air flow rate of the natural ventilation per m2 of heated floorspace
 14) Extent of temperature change of the enthalpy recovery acc. to EN 13141-7 (at reference air flow rate)
 15) Annual heating energy per m2 of heated floorspace for frost protection